

Natural Resources and Environmental Protection Cabinet
Kentucky Department for Environmental Protection
Division for Air Quality

PERMIT

**CONAGRA POULTRY COMPANY
P.O. BOX 116
HICKORY, KENTUCKY 42051**

**RE: Chicken Feed Mill Manufacturing Plant located at the intersection of U.S. Highway 54 and
Macedonia Road, Mayfield**

Pursuant to your application which was determined to be complete by this office on July 17, 2000, the Natural Resources and Environmental Protection Cabinet issues this permit for the operation of the equipment specified herein in accordance with the plans, specifications, and other information submitted with your application. This permit has been issued under the provisions of KRS Chapter 224.10-100 and regulations promulgated pursuant thereto and is subject to all conditions and operating limitations contained herein. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by this Cabinet and/or other state, federal, and local agencies.

POINT OF EMISSION

AFFECTED FACILITY

CONDITIONS

Applicable Requirements:

01	(01)	Railcar Receiving Hopper (Soya Mill)	See General Condition #22.
	(01)	Railcar Receiving Hopper (Corn)	See General Condition #22.
	(02)	Truck Receiving Hopper	See General Condition #22.
	(10,14)	Rice Mill Feed Storage Bins (2-50 ton bins)	See General Condition #22.

No deviation from the plans and specifications submitted with your application or the conditions specified herein is permitted, unless authorized in writing by the Division for Air Quality. Violations of the terms and conditions contained herein shall be grounds for the Department to seek revocation of this permit. All rights of inspection by the representatives of the Division for Air Quality are reserved. Responsibility for satisfactory conformance with all Air Quality Regulations must be borne by the permittee.

PERMIT NUMBER: S-97-027 (Revision #2) Issued this 15th day of June 2001

FILE NUMBER: 21-083-00041

REGION: Paducah/Cairo

John E. Hornback, Director

COUNTY: Graves

Robert W. Logan

SIC CODE: 2048

Commissioner

PERMIT - Continued

<u>POINT OF EMISSION</u>	<u>AFFECTED FACILITY</u>	<u>CONDITIONS</u>
01 (11,15,28,29)	Soya Mill Storage Bins (4-100 Ton Bins)	See General Condition #22.
(12,13)	Poultry By-Products Storage Bins (2-40 Ton Bins)	See General Condition #22.
(16-18)	Bakery By-Products Storage Bins (3-60 Ton Bins)	See General Condition #22.
(24-27)	Meat & Bone Meal Storage Bins (4-60 Ton Bins)	See General Condition #22.
(30,33)	Utility Storage Bins (2-8 Ton Bins)	See General Condition #22.
(34,35)	Rework Storage Bins (2-40 Ton Bins)	See General Condition #22.
(-)	Micros Storage Bins (20 Bins)	See General Condition #22.
(46-59, 60A, 60B, 61A, 61B, 62-69, 70A, 70B, 71A, 71B, 72-85)	Finished Product Storage Bins (26-24 Ton & 8-10 Ton Bins)	See General Condition #22.
(-)	6 Ton Scale	See General Condition #22.
(-)	6 Ton Mixer	See General Condition #22.
(-)	Truck Loadouts (2) (M16, M122)	See General Condition #22.
02 (03)	Corn Storage Bins (A-D, Ton, 3-1,030 Ton Bins)	<ol style="list-style-type: none"> 1. Particulate emissions shall not F, H-2-215 Ton, 1-755 exceed 38.17 lbs/hour. 2. Visible emissions shall not equal or exceed 20% opacity. 3. See General Condition #21.

PERMIT - Continued

<u>POINT OF EMISSION</u>	<u>AFFECTED FACILITY</u>	<u>CONDITIONS</u>
02 (03)	Soya Meal Storage Bins (E, G 2-830 Ton Bins)	1. Particulate emissions shall not exceed 38.17 lbs/hour. 2. Visible emissions shall not equal or exceed 20% opacity. 3. See General Condition #21.
03 (04)	Hammer Mills (2)-M62 (Maximum Total Rated Capacity - 80 tons/hour)	1. Particulate emissions shall not exceed 34.90 lbs/hour. 2. Visible emissions shall not equal or exceed 20% opacity. 3. See General Condition #21.
04 (05)	Pellet Mill –M90 & Pellet Cooler – M91 (Maximum Rated Capacity- 41.85 tons/hour each)	1. Particulate emissions from each shall not exceed 31.46 lbs/hour. 2. Visible emissions shall not equal or exceed 20% opacity. 3. See General Condition #21.
05 (06)	Pellet Mill – M94 & Pellet Cooler – M95 (Maximum Rated Capacity - 41.85 tons/hour each)	1. Particulate emissions from each shall not exceed 31.46 lbs/hour. 2. Visible emissions shall not equal or exceed 20% opacity. 3. See General Condition #21.
06 (07)	Phosphate Storage Bins 19, 22 (1-60 Ton and 1-120 Ton Bin)	1. Particulate emissions shall not exceed 23.0 lbs/hour. 2. Visible emissions shall not equal or exceed 20% opacity. 3. See General Condition #21.
(07)	Lysine Storage Bin – 21 (1-55 Ton Bin)	1. Particulate emissions shall not exceed 23.0 lbs/hour. 2. Visible emissions shall not equal or exceed 20% opacity. 3. See General Condition #21.
(07)	Limestone Storage Bin – 23 (1-70 Ton Bin)	1. Particulate emissions shall not exceed 23.0 lbs/hour. 2. Visible emissions shall not equal or exceed 20% opacity. 3. See General Condition #21.

PERMIT - Continued

<u>POINT OF EMISSION</u>	<u>AFFECTED FACILITY</u>	<u>CONDITIONS</u>
06 (07)	Salt Storage Bin – 20 (1-55 Ton Bin)	1. Particulate emissions shall not exceed 23.0 lbs/hour. 2. Visible emissions shall not equal or exceed 20% opacity. 3. See General Condition #21.
07 (08)	Ground Corn Storage Bins -31, 32, 36, 37 (4-85 Ton Bins)	1. Total particulate emissions shall not exceed 34.90 lbs/hour. 2. Visible emissions shall not equal or exceed 20% opacity. 3. See General Condition #21.
08 (09)	Boiler (Cleaver Brooks Model – Natural Gas Fired 16.7375 mmBtu/hour Rated Capacity)	1. Particulate emissions shall not exceed 0.496 lbs/mmBtu. 2. Visible emissions shall not equal or exceed 20% opacity. 3. SO2 emissions shall not exceed 2.43 lbs/mmBtu. 4. See General Condition #21.
09 (-)	Paved Haul Road and Yard Area (Receiving)	See General Condition #23.
(-)	Paved Haul Road and Yard Area (Shipping)	See General Condition #23.
10 (10)	Storage Bins (4) (M101, M103, M107 & M109)	1. Particulate emissions shall not exceed 28.54 lbs/hour. 2. Visible emissions shall not equal or exceed 20% opacity. 3. See General Condition #21.
11 (02a)	Truck Receiving Hopper	See General Condition #22.
12 (38-45)	Mash Storage Bins (8)	1. Particulate emissions shall not exceed 28.54 lbs/hour. 2. Visible emissions shall not equal or exceed 20% opacity. 3. See General Condition #21.

PERMIT - Continued

<u>POINT OF EMISSION</u>	<u>AFFECTED FACILITY</u>	<u>CONDITIONS</u>
13 (-)	Pellet Mill & Pellet Cooler (Maximum Rated Capacity- 41.85 tons/hour each)	1. Particulate emissions from each shall not exceed 31.46 lbs/hour. 2. Visible emissions shall not equal or exceed 20% opacity. 3. See General Condition #21.
14 (-)	Finished Feed Storage Bins (8)	See General Condition #22.
(-)	Truck Loadout	See General Condition #22.
15 (-)	Boiler (Cleaver Brooks Model – Natural Gas Fired 8.4 mmBtu/hour Rated Capacity)	1. Particulate emissions shall not exceed 0.451 lbs/mmBtu. 2. Visible emissions shall not equal or exceed 20% opacity. 3. SO2 emissions shall not exceed 2.06 lbs/mmBtu. 4. See General Condition #21.

PERMIT - Continued

GENERAL CONDITIONS:

1. The permittee shall comply with all conditions of this permit. Noncompliance shall be (a) violation(s) of State Regulation 401 KAR 50:035, Permits, Section 4 and is grounds for an enforcement action including but not limited to the termination, revocation and reissuance, or revision of this permit.
2. Any deviations from permit requirements, including those due to upset conditions, shall be promptly reported to the Division's Paducah Regional Office. In accordance with State Regulation 401 KAR 50:055, General compliance requirements, Section 1, the reports shall describe the probable cause of the deviations and corrective actions or preventive measures taken.
3. This permit shall become null and void after five years following the original date of issue, March 20, 1997. Application for renewal shall be made at least six months prior to the expiration date.
4. Periodic testing or instrumental or non instrumental monitoring, which may consist of record keeping, shall be performed to the extent necessary to yield reliable data for purposes of demonstration of continuing compliance with the conditions of this permit. For the purpose of demonstration of continuing compliance with the mass emission limits, the following guidelines shall be followed:
 - a) Pursuant to State Regulations 401 KAR 50:012, General application, Section 1 (1) and 401 KAR 50:055, General compliance requirements, Section 2(5), all air pollution control equipment and all pollution control measures proposed by the application in response to which this permit is issued shall be in place, calibrated, properly maintained, and in operation according to vendors specifications at any time an affected facility for which the equipment and measures are designed is operated; except as provided by State Regulation 401 KAR 50:055, Section 1.
 - b) All the air pollution control systems shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers. A log shall be kept of all routine and non routine maintenance performed on each control device.
 - c) A log of the monthly raw material consumption and monthly production rates shall be kept available at the plant. Compliance with the emission limits may be demonstrated by computer program (spread sheet), calculations or performance tests as may be specified and requested by the Division.
 - d) For the dust collectors, a log of daily pressure drop readings of incoming and outgoing air shall be maintained.
5. All records and support information required by State Regulation 401 KAR 50:035, Permits, shall be retained at the source authorized by this permit for a period of five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality.
6. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit.

PERMIT - Continued

GENERAL CONDITIONS:

7. The permittee shall not use as defense in an enforcement action, the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance.
8. The permit contained herein may be revised, revoked, reopened, reissued, or terminated for cause. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of planned changes or anticipated noncompliance shall not stay any permit condition.
9. The permit does not convey property rights or exclusive privileges
10. The permittee shall perform compliance certification and record keeping sufficient to assure compliance with the terms and conditions of the permit. Documents, including reports, shall be certified by a responsible official pursuant to State Regulation 401 KAR 50:035, Permits, Section 3(4).
11. The permittee shall furnish to the Division, in writing, information that the Division may request to determine whether cause exists for modifying, revoking, reissuing, or terminating this permit, or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Division, copies of records, reports, and other information required by the permit to be kept.
12. The permit shall be subject to suspension at any time the permittee fails to pay all fees within 90 days after notification as specified in State Regulation 401 KAR 50:038, Air emissions fee.
13. The permittee shall allow the Cabinet or an authorized representative to perform the following:
 - a. Enter upon the premises where a source is located or emissions-related activity is conducted, or where records are kept;
 - b. Have access to and copy, at reasonable times, any records required by the permit:
 - i. During normal office hours, and
 - ii. During periods of emergency when prompt access to records is essential to proper assessment by the Cabinet;
 - c. Inspect, at reasonable times, any facilities, equipment (including monitoring and pollution control equipment), practices, or operations required by the permit. Reasonable times shall include, but are not limited to the following:
 - i. During all hours of operation at the source,
 - ii. For all sources operated intermittently, during all hours of operation at the source and the hours between 8:00 a.m. and 4:30 p.m., Monday through Friday, excluding holidays, and
 - iii. During an emergency; and
 - d. Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements. Reasonable times shall include, but are not limited to the following:
 - i. During all hours of operation at the source,
 - ii. For all sources operated intermittently, during all hours of operation at the source and the hours between 8:00 a.m. and 4:30 p.m., Monday through Friday, excluding holidays, and
 - iii. During an emergency.

PERMIT - Continued

GENERAL CONDITIONS:

14. Nothing in this permit shall alter or affect the authority of the U.S. EPA to impose emergency orders pursuant to Federal Statute 42 USC 7603, Emergency orders.
15. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance.
16. Nothing in this permit shall alter or affect the authority of U.S. EPA to obtain information pursuant to Federal Statute 42 USC 7414, Inspections, monitoring, and entry.
17. Pursuant to State Regulation 401 KAR 50:035, Permits, Section 9, an emergency shall constitute an affirmative defense to an action brought for noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or other relevant evidence that:
 - a. An emergency occurred and the permittee can identify the cause of the emergency;
 - b. The permitted facility was at the time being properly operated;
 - c. During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and
 - d. The permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division within two working days after the time when emission limitations were exceeded due to the emergency if the notice met the requirement of State Regulation 401 KAR 50:035, Permits, Section 4(1)(c)3.b., and included a description of the emergency, steps taken to mitigate emissions, and corrective actions taken.
18. Emergency provisions listed in General Condition 17 are in addition to any emergency or upset provision contained in an applicable requirement.
19. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof.
20. Except as provided in State Regulation 401 KAR 50:035, Permits, compliance by the affected facilities listed herein with the conditions of this permit shall be deemed to be compliance with all applicable requirements as of the date of the issuance of this permit.
21. Visible and particulate emissions as measured by methods referenced in State Regulation 401 KAR 50:015, Documents incorporated by reference, Section 1, shall not exceed the respective pollutant emission limitations specified herein.
22. Fugitive emissions shall be controlled by enclosures so as to comply with the requirements of State Regulation 401 KAR 63:010, Fugitive emissions.

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GENERAL CONDITIONS:

23. The paved haul road and yard area (emission point 09) shall be controlled with water on a regular basis so as to comply with the requirements specified in State Regulation 401 KAR 63:010, Fugitive emissions.
24. All previous permits issued to this source, at this location, are hereby null and void.